

AMENDMENT UNDER 37 C.F.R. § 1.111
U.S. Patent Application No. 09/534,034

a step of bringing the optical component into close contact with the scored surface of the support; and

a step of flowing a fluid adhesive along kerfs produced by the scoring,
wherein the scoring kerfs are formed at a pitch of 3 μm - 300 μm .

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3. (Amended) An optical component fixing method using an adhesive to fix an optical component and a support on which the optical component is to be fixed at a prescribed location, the method comprising:

a step of scoring a surface of the support;
a step of bringing the optical component into close contact with the scored surface of the support; and

a step of flowing a fluid adhesive along kerfs produced by the scoring,
wherein the scoring kerfs are formed to a depth of 0.1 μm - 1 μm .

4. (Amended) An optical component fixing method using an adhesive to fix an optical component and a support on which the optical component is to be fixed at a prescribed location, the method comprising:

a step of scoring a surface of the support;
a step of bringing the optical component into close contact with the scored surface of the support; and
a step of flowing a fluid adhesive along kerfs produced by the scoring,

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wherein an attachment surface of the support has a flatness of 1 μm or less.

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5. (Amended) An optical component fixing method according to any one of claims 2 to

4, wherein the optical component is a component of a solid-state laser apparatus.

~~said step of bringing the optical component into close contact
with scored surface of the support for the comprises
bring a solid state laser apparatus component into
close contact with the scored surface.~~

Please add the following new claims 7-15:]

7. (New) An optical component support for fixing an optical component, the support

comprising a surface provided with scoring kerfs for fixing the optical component,

wherein the scoring kerfs are formed at a pitch of 3 μm - 300 μm .

8. (New) An optical component support for fixing an optical component, the support

comprising a surface provided with scoring kerfs for fixing the optical component,

wherein the scoring kerfs are formed to a depth of 0.1 μm - 1 μm .

9. (New) An optical component support for fixing an optical component, the support

comprising a surface provided with scoring kerfs for fixing the optical component,

wherein an attachment surface of the support has a flatness of 1 μm or less.

10. (New) An optical component support according to claim 8, wherein the surface is
further provided with a notch.

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11. (New) An optical component support according to claim 9, wherein the surface is further provided with a notch.

12. (New) An optical component fixing method according to claim 2, further comprising a step of forming a notch on the surface of the support.

13. (New) An optical component fixing method according to claim 3, further comprising a step of forming a notch on the surface of the support.

14. (New) An optical component fixing method according to claim 4, further comprising a step of forming a notch on the attachment surface of the support.

15. (New) An optical component fixing method according to any one of claims 12 to 14, wherein the optical component is a component of a solid state laser apparatus.

Claim 15 further recites that "the optical component is a component of a solid state laser apparatus" which the claim fails to further limit the method steps as set forth in claims 2, 12 to 14.